



Title: *Unified Frame for Semiconductor Handling System*
Inventor: A. Bonora, et al.
Serial No.: 10/087,638
Filed: March 1, 2002
Replacement Sheet 1 of 34

Docket No.: 34741-752
Attorney: Scott D. Sanford
Telephone: 415-984-8700

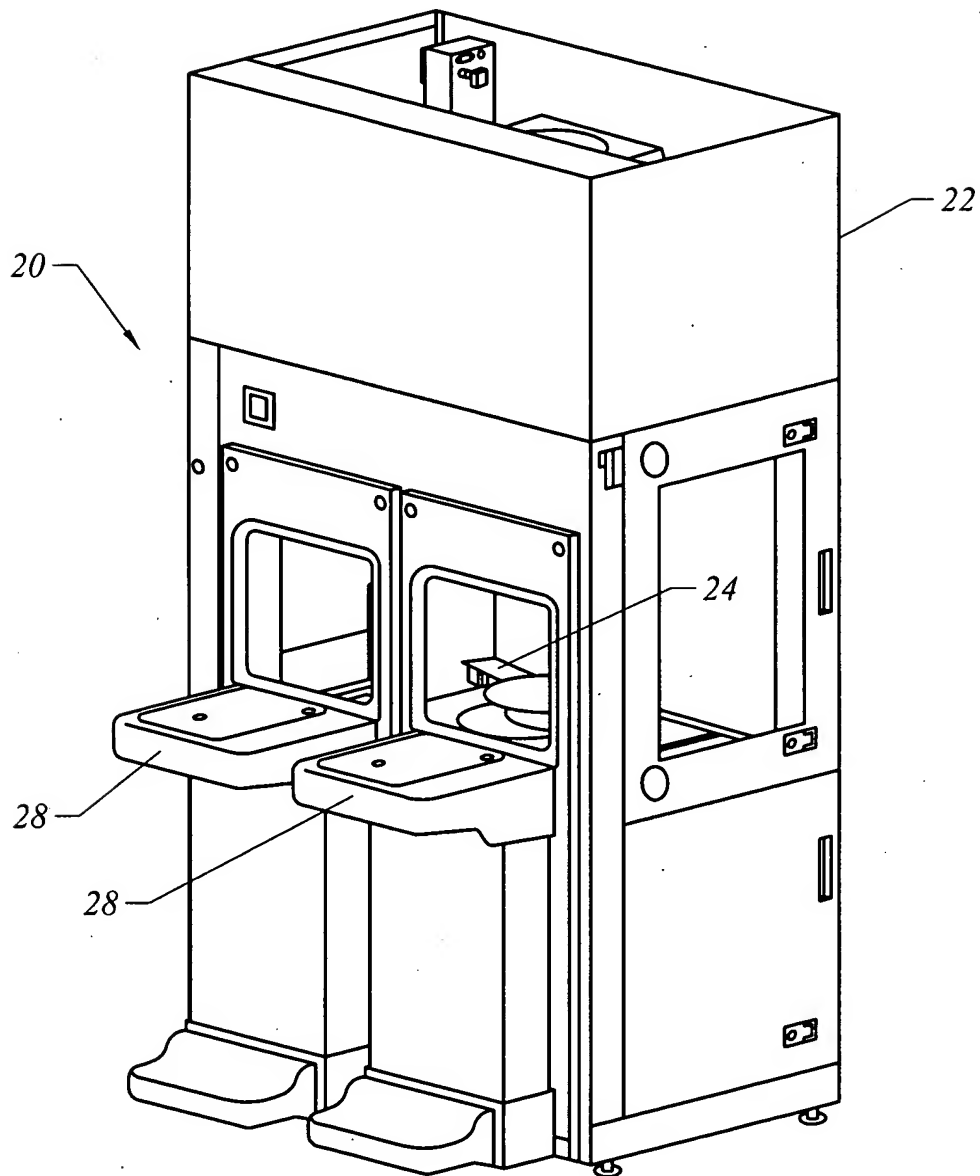


FIG. 1
(Prior Art)

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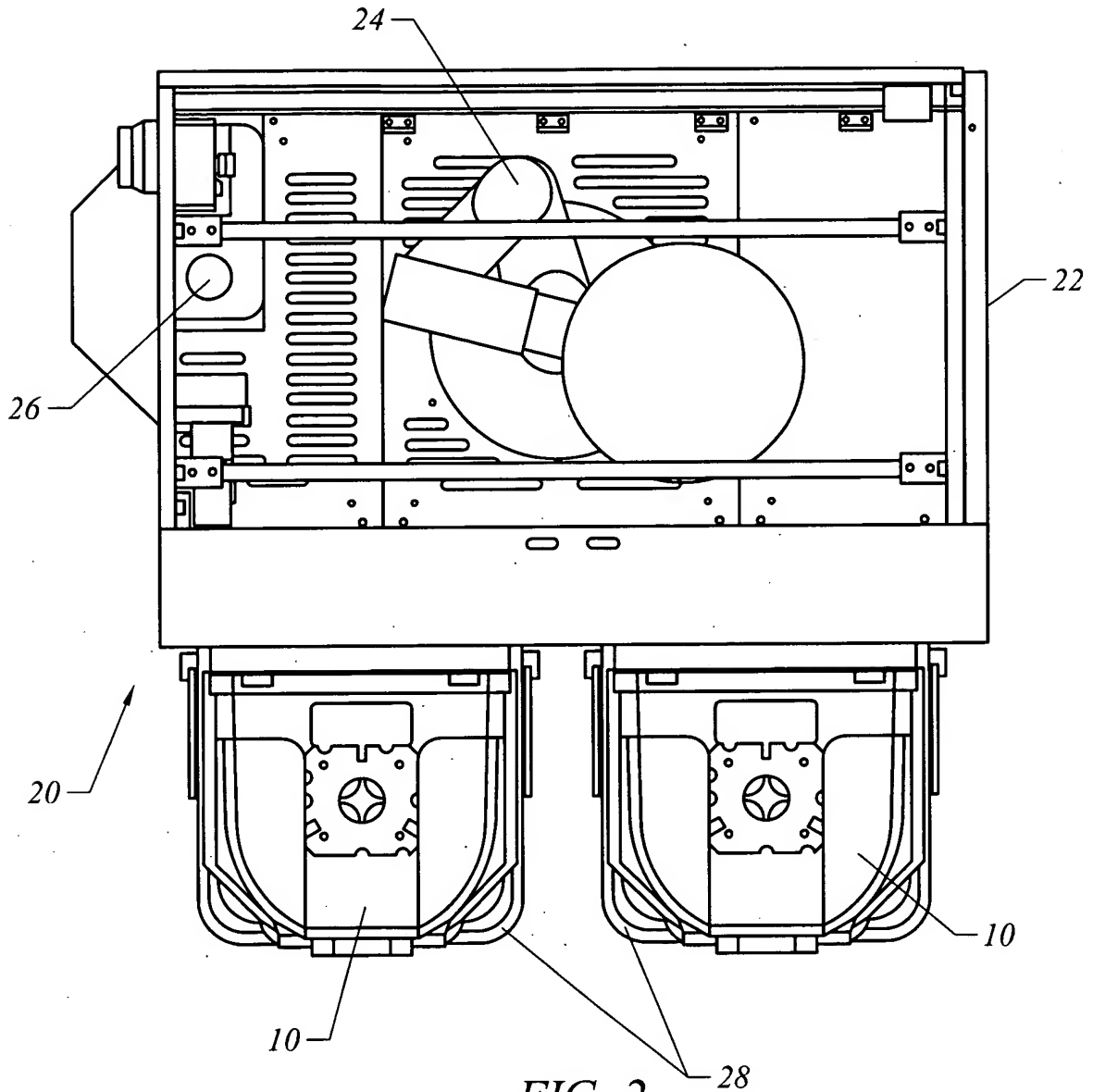


FIG. 2
(Prior Art)

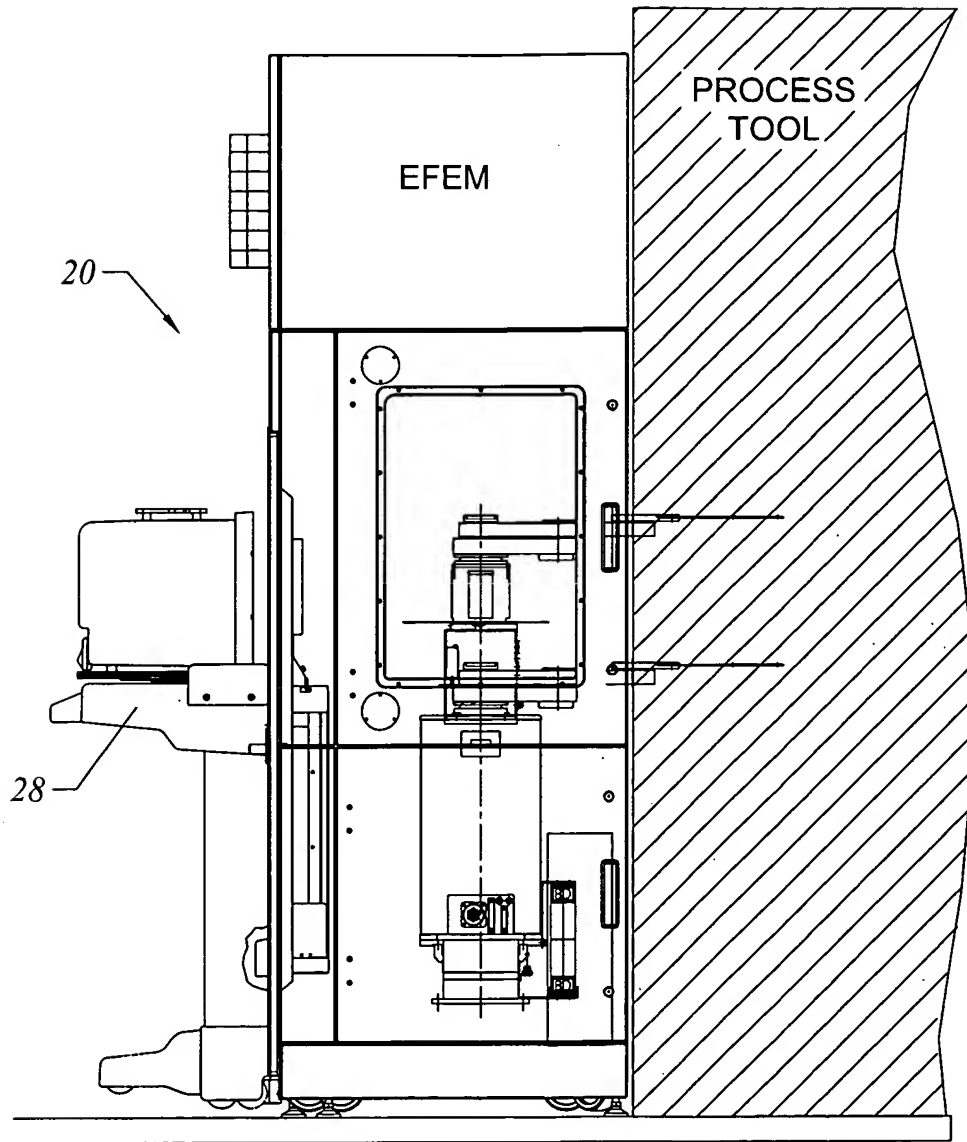
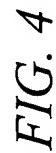


FIG. 3
(Prior Art)



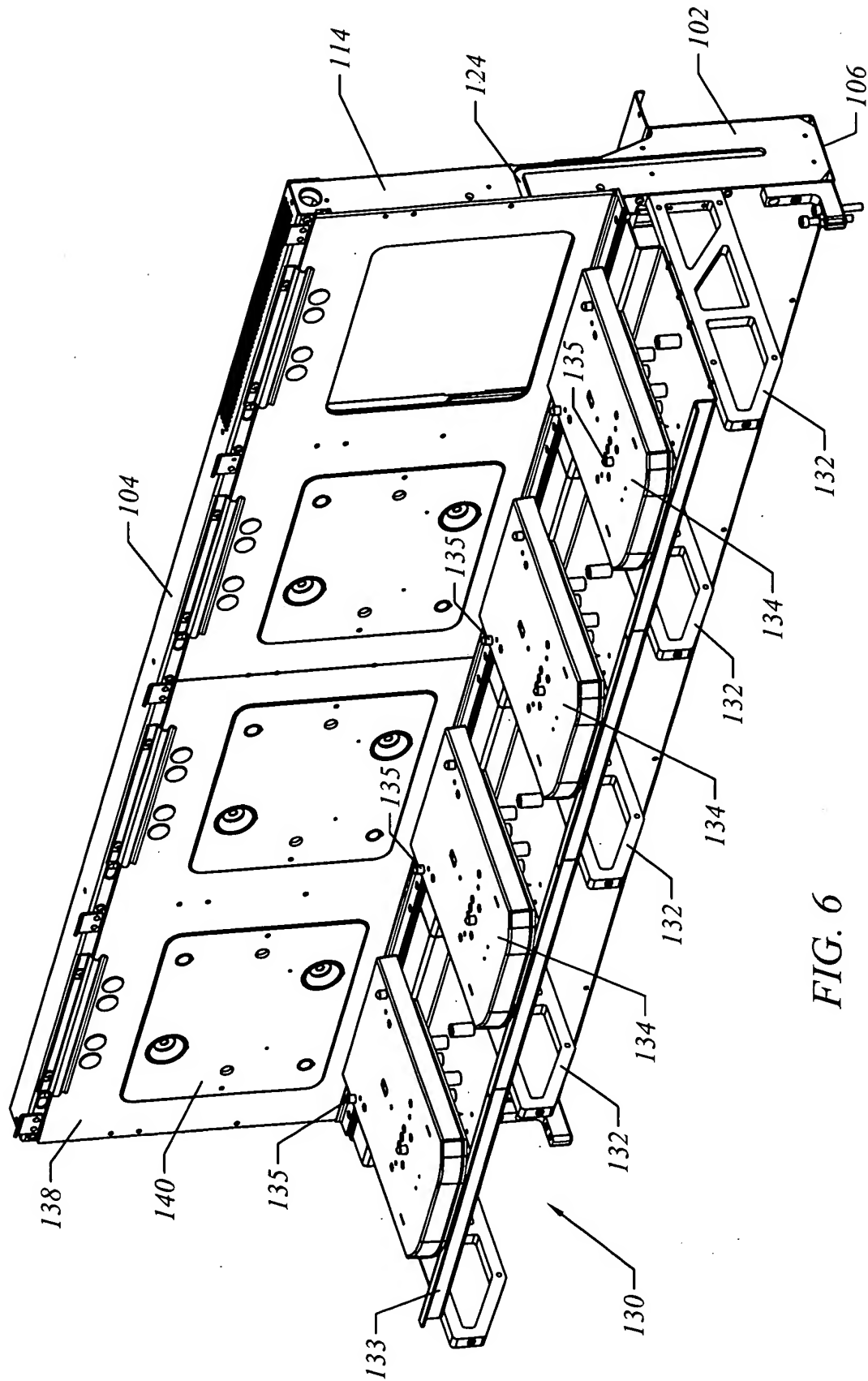


FIG. 6



FIG. 7

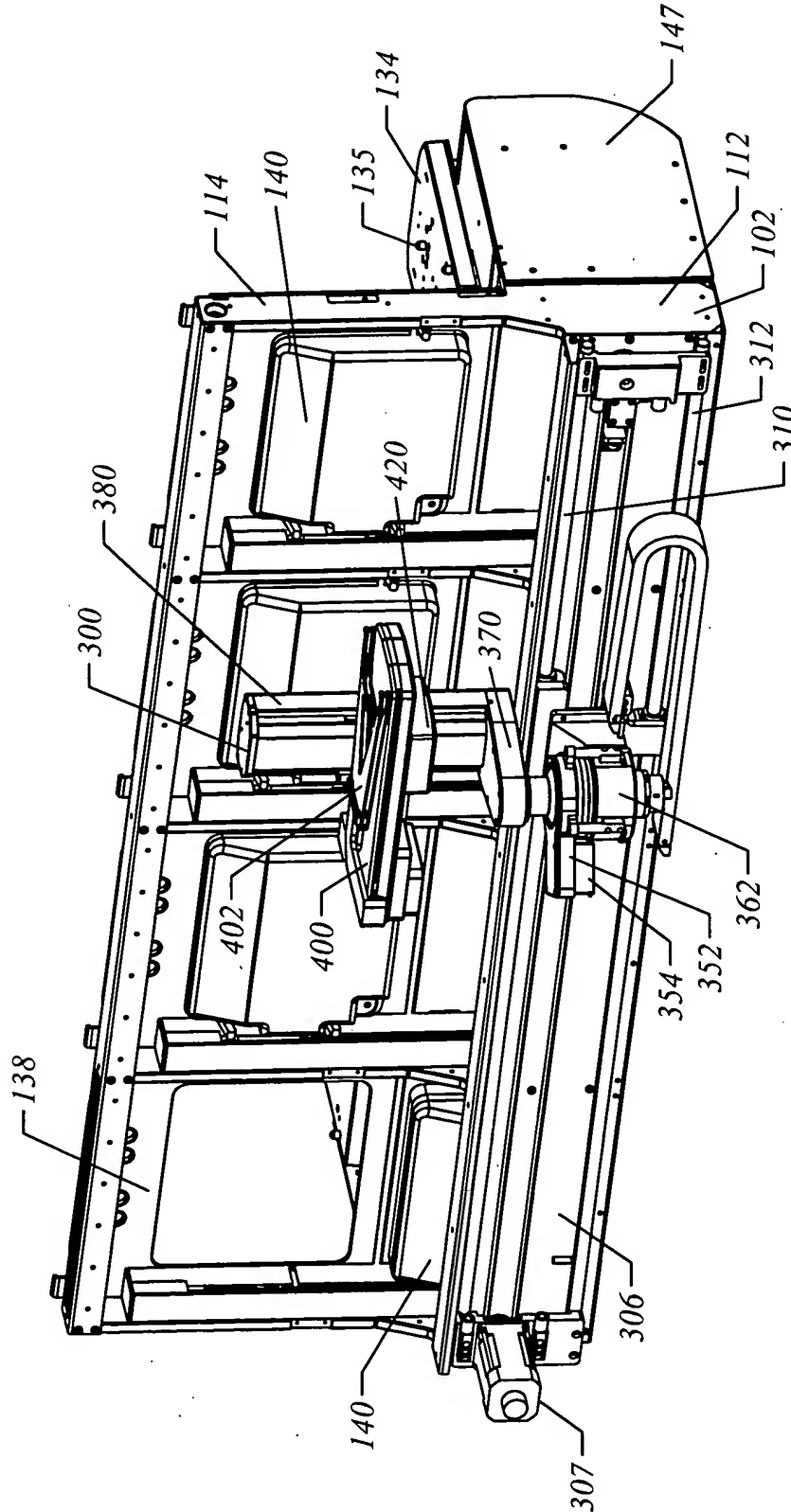


FIG. 8

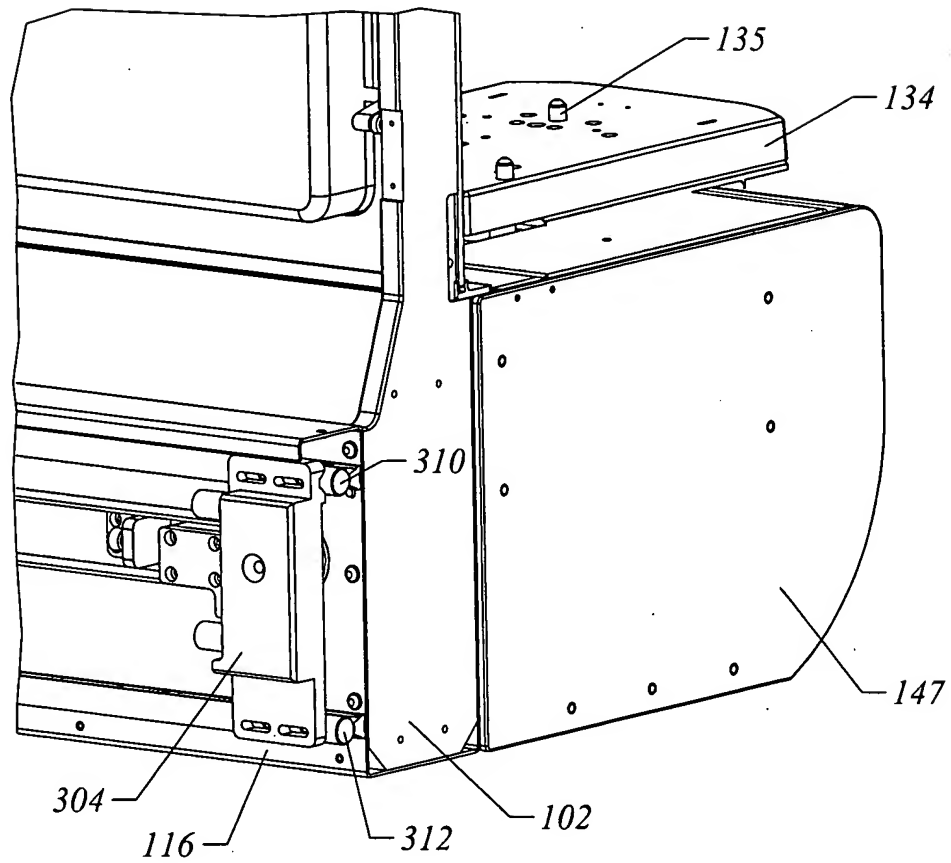


FIG. 9

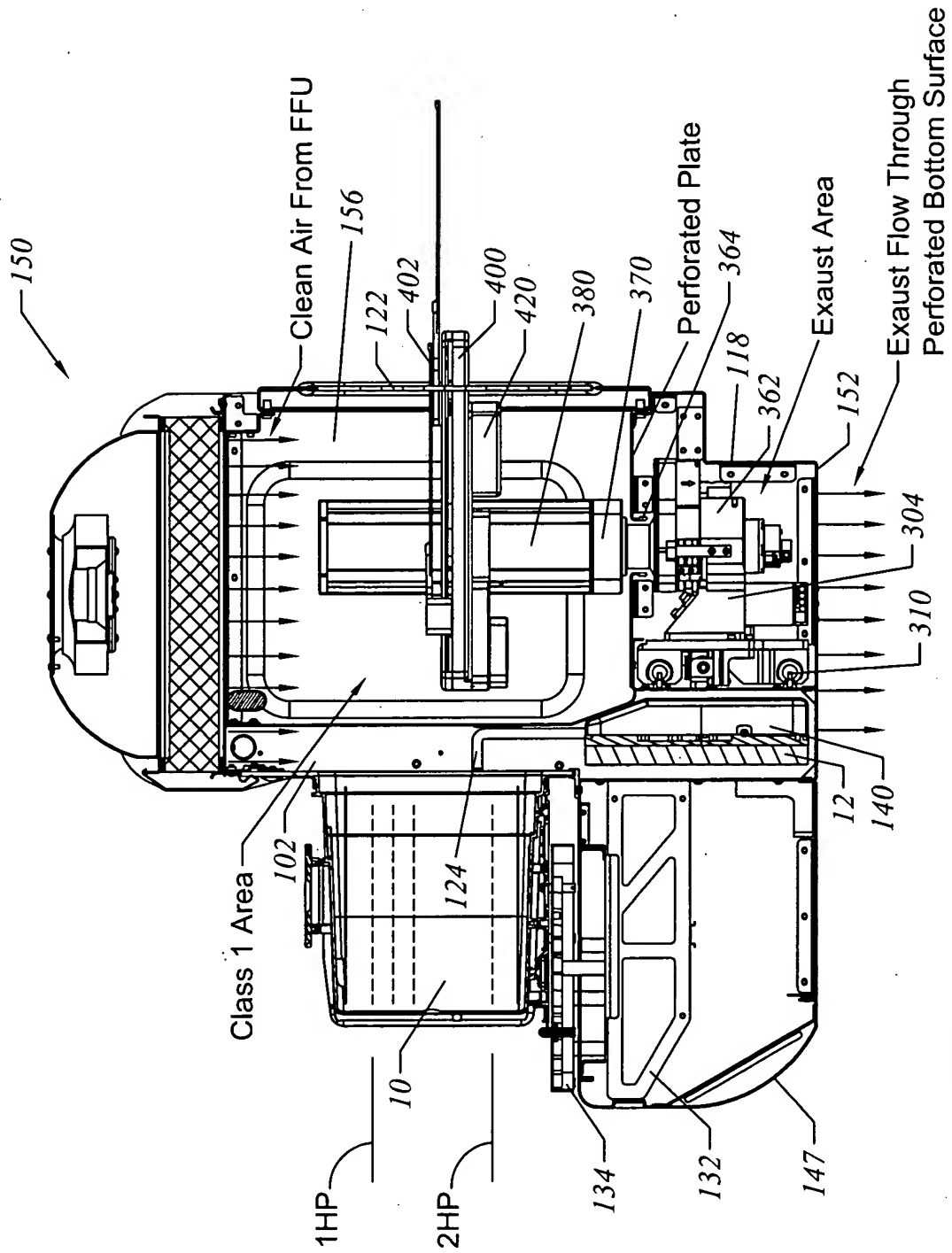


FIG. 10

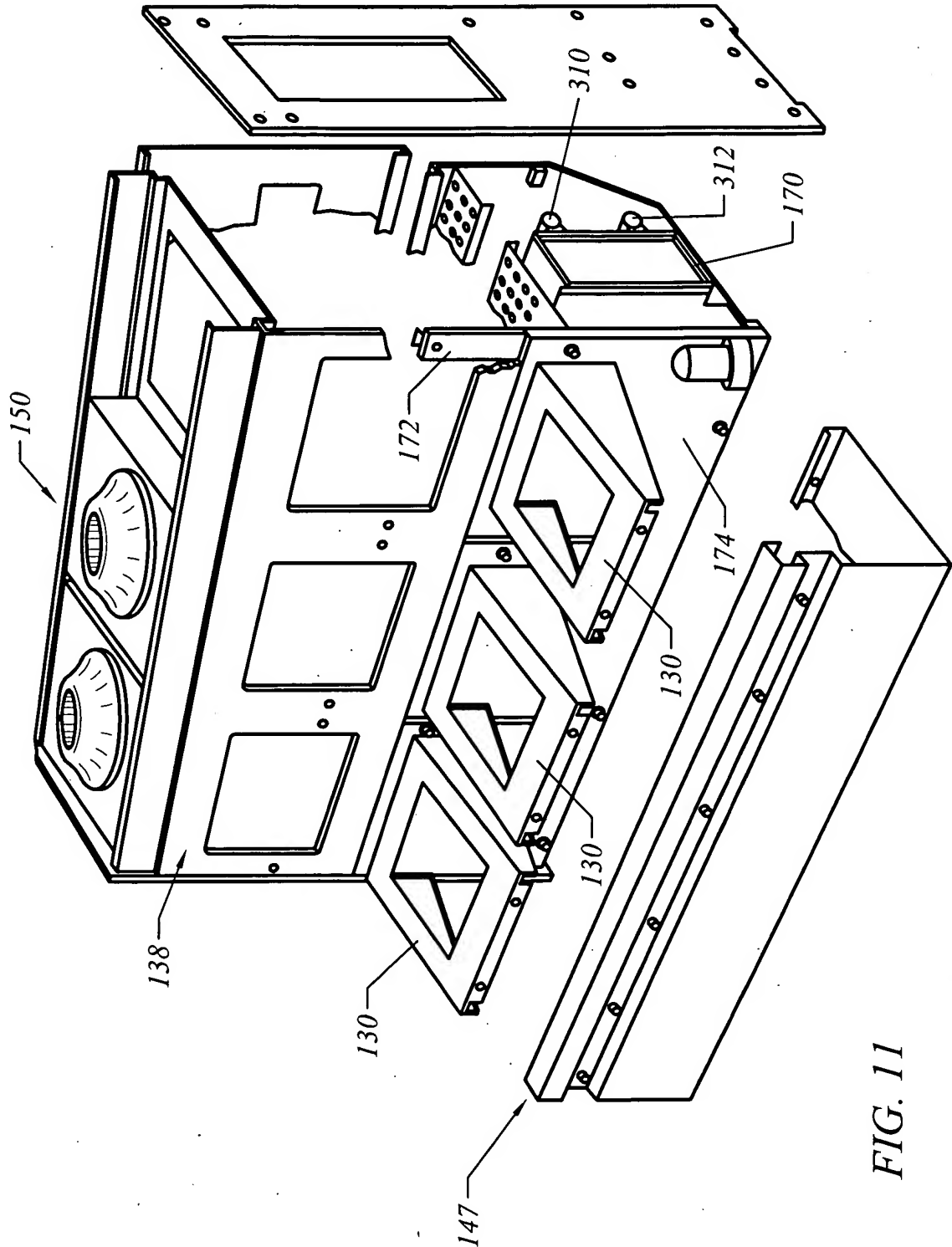


FIG. 11

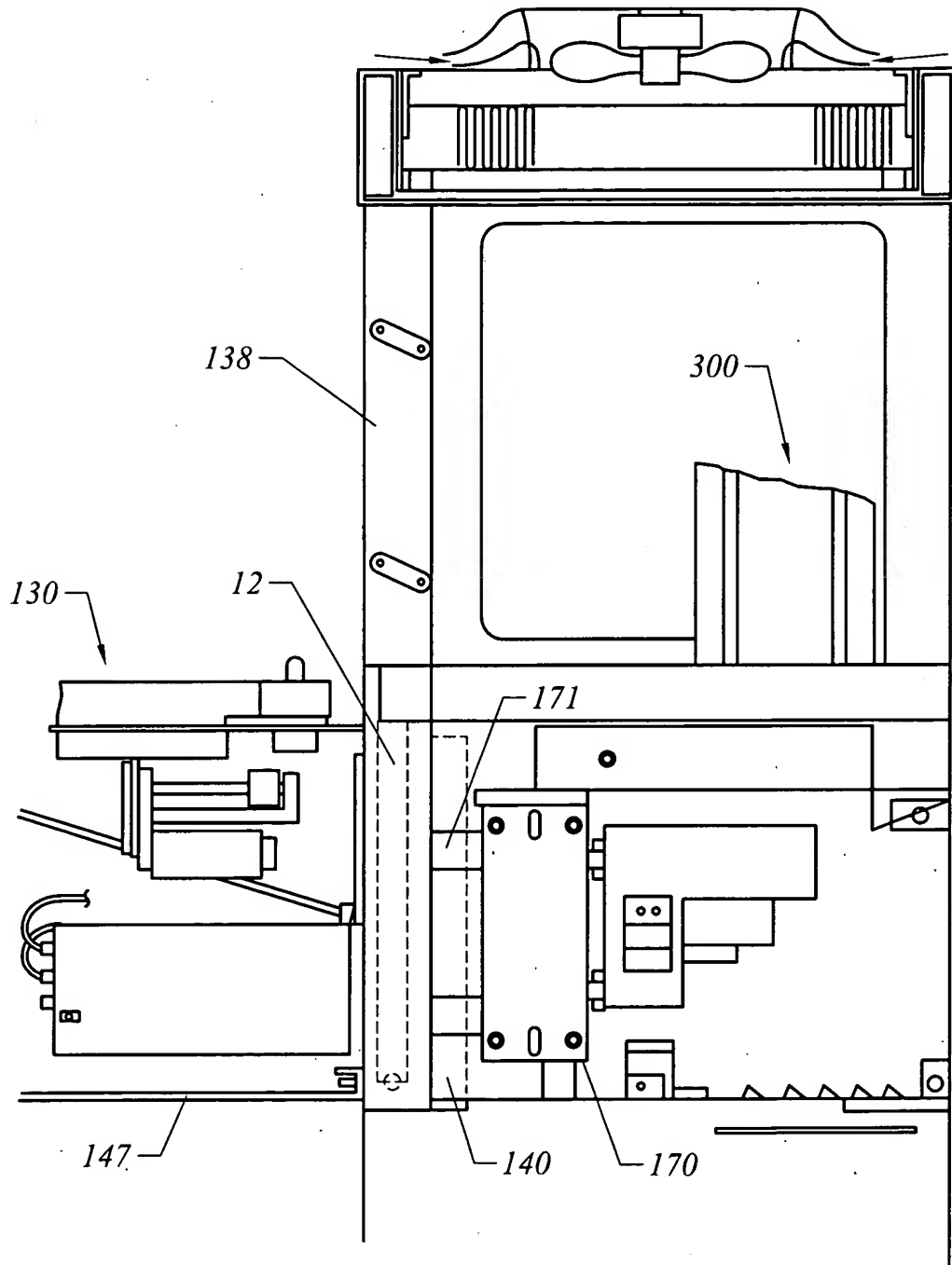
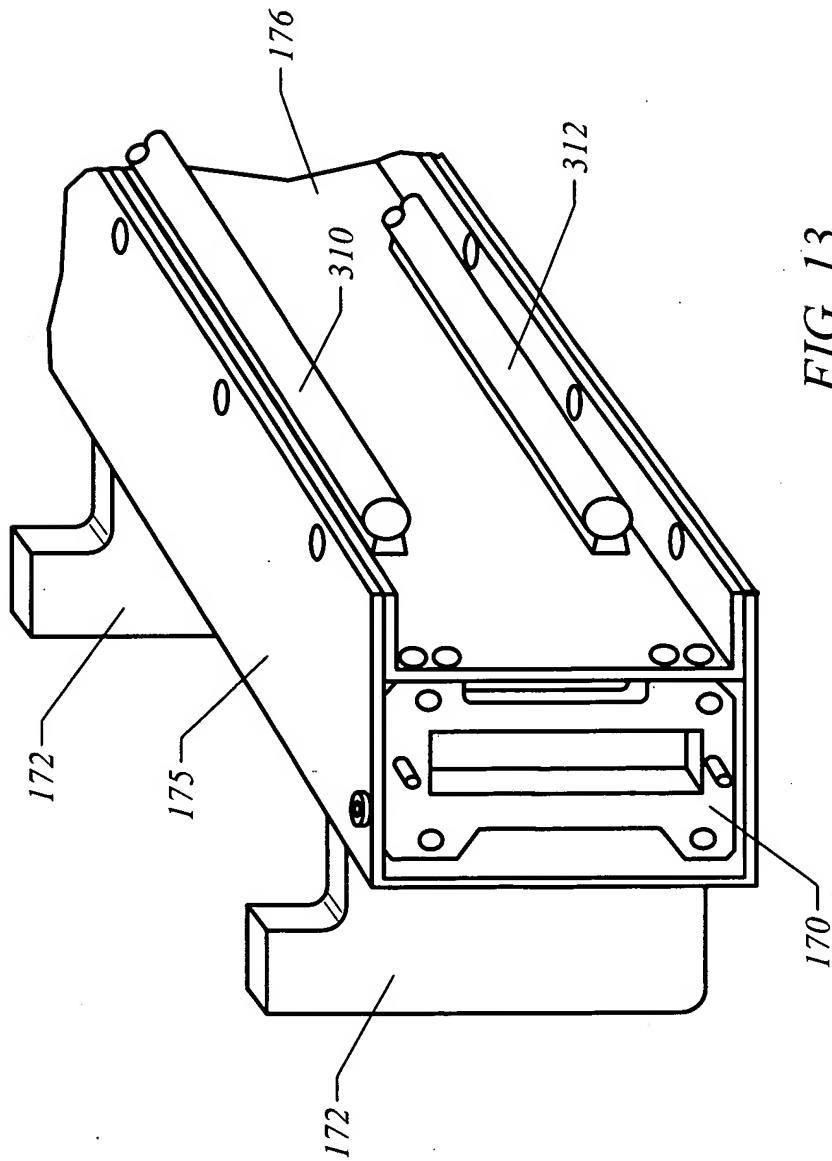
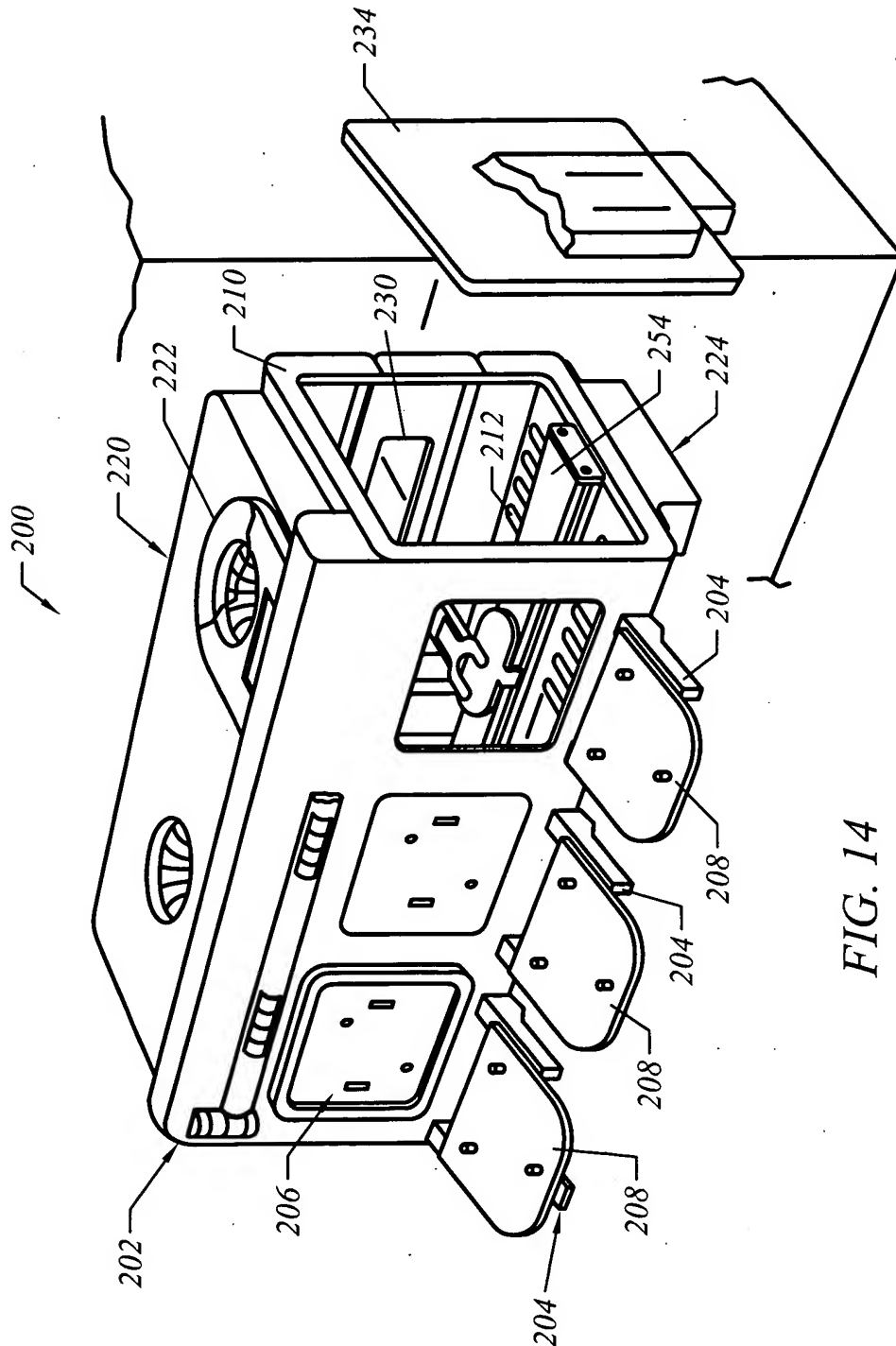


FIG. 12





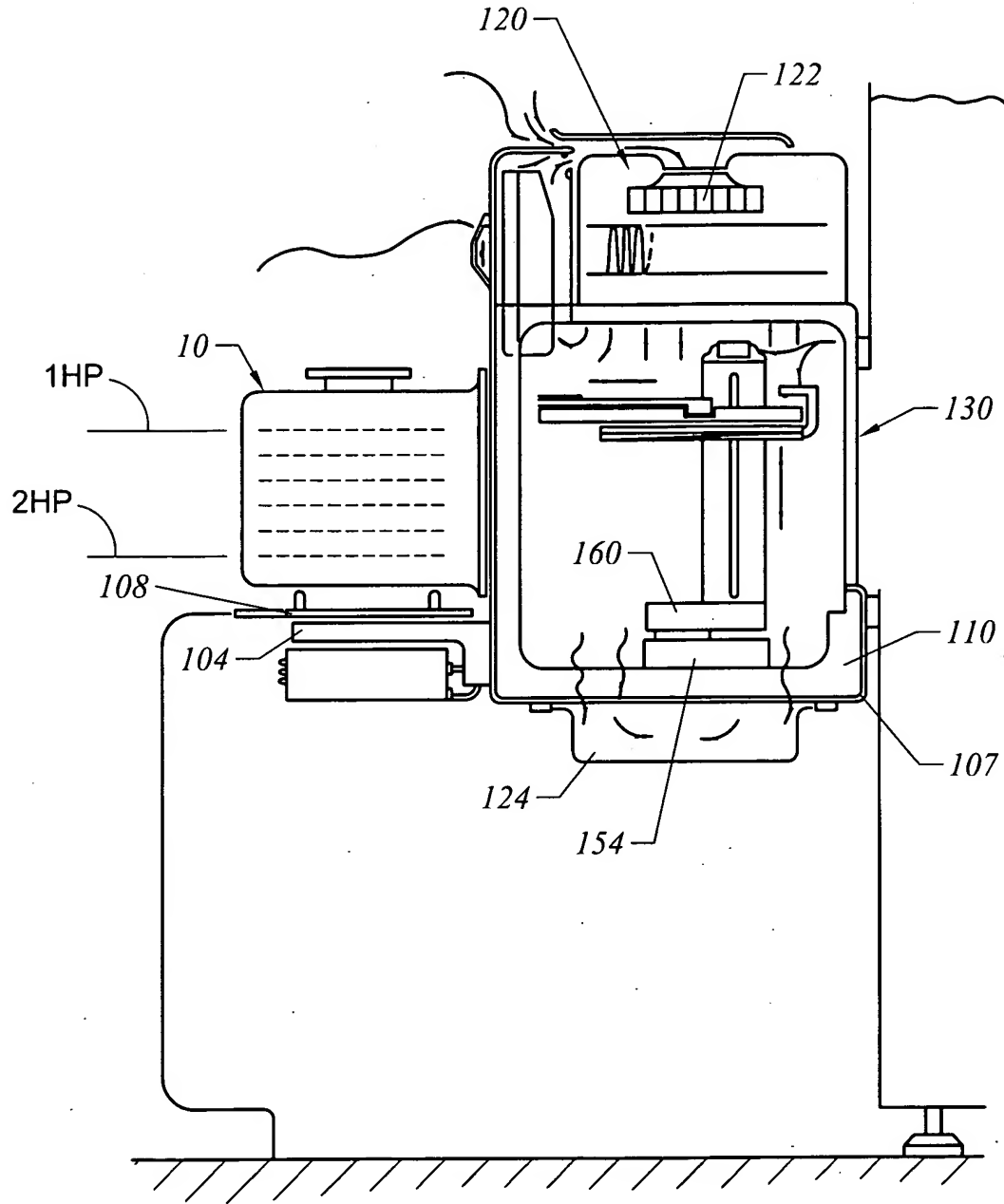


FIG. 15

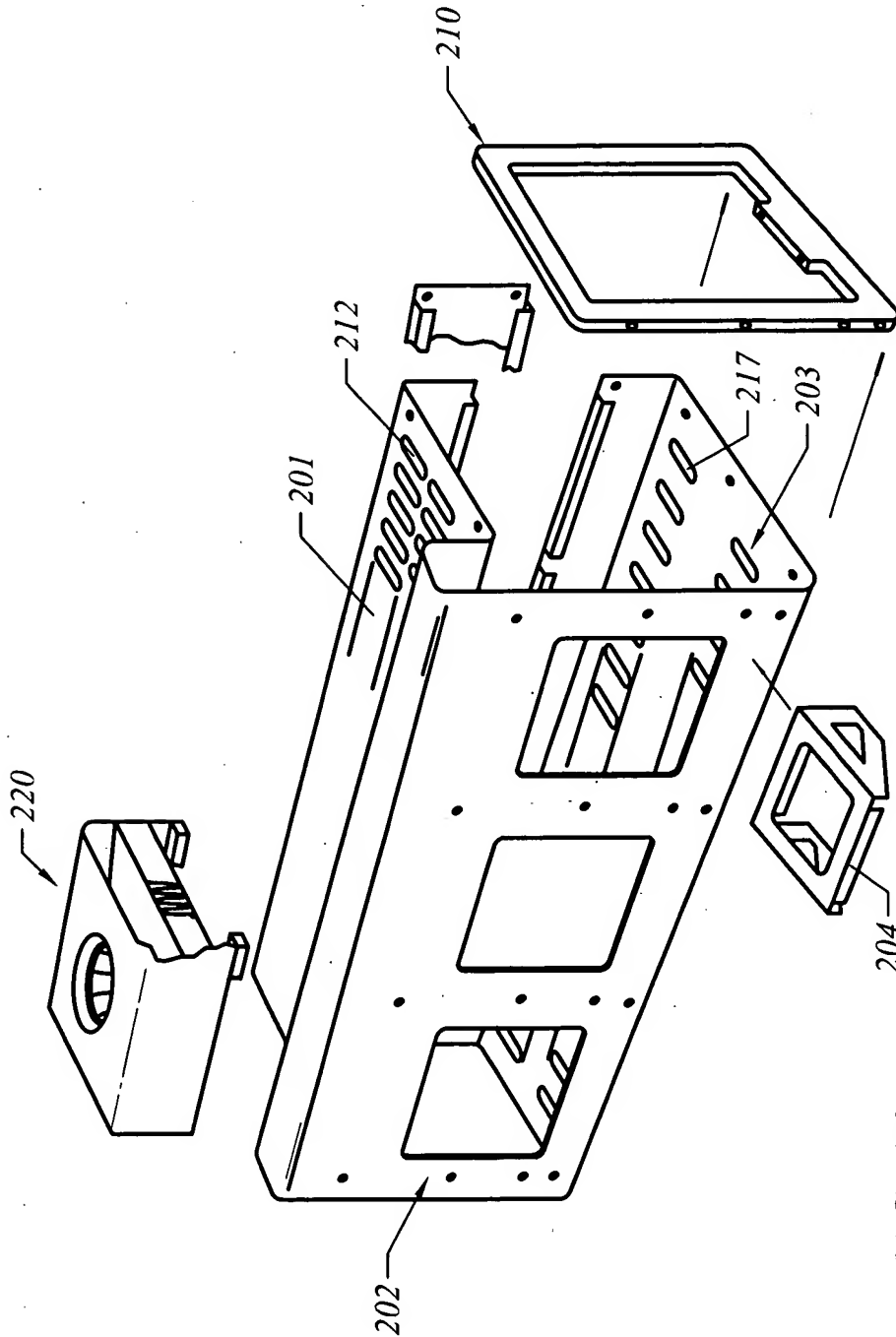


FIG. 16

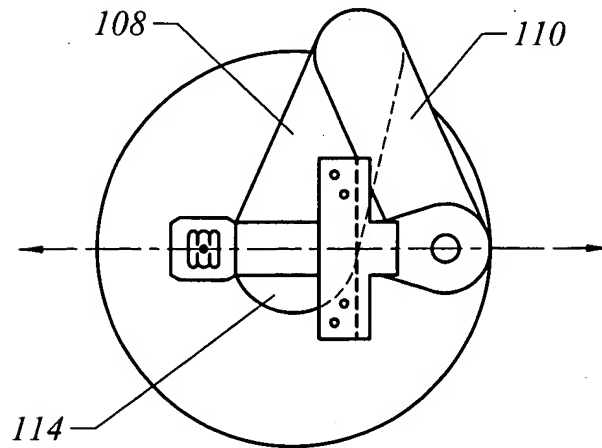


FIG. 17A
(Prior Art)

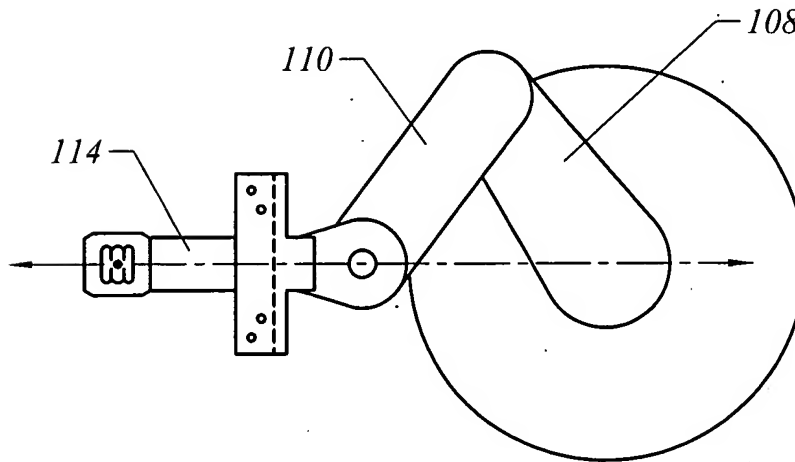


FIG. 17B
(Prior Art)

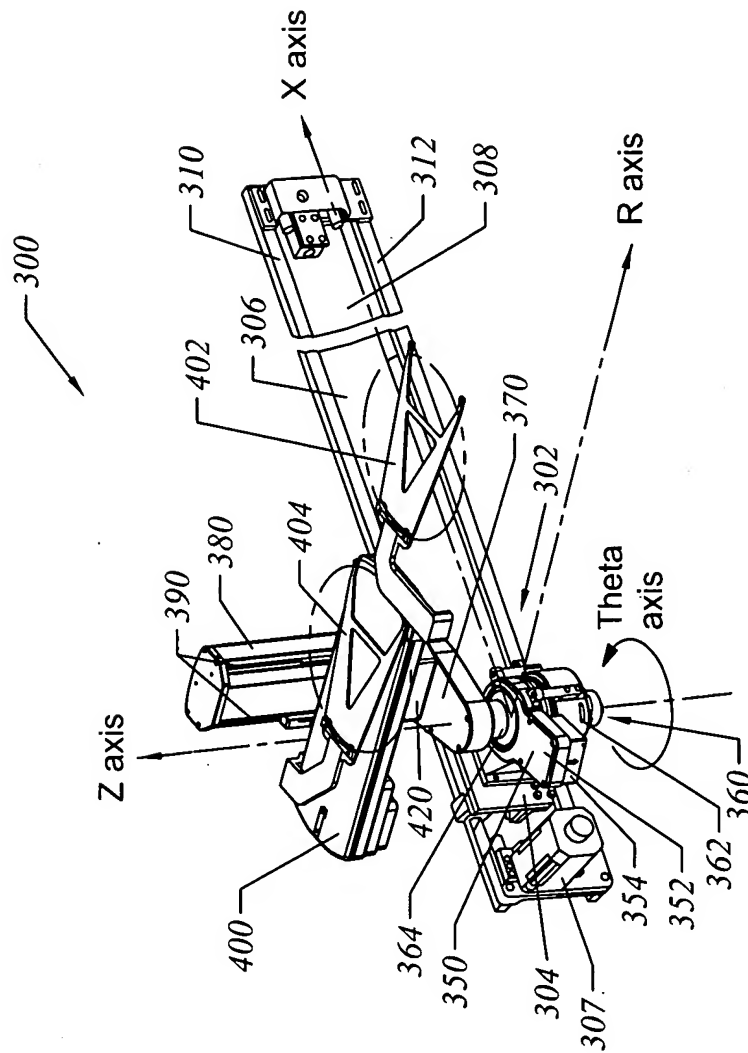


FIG. 18

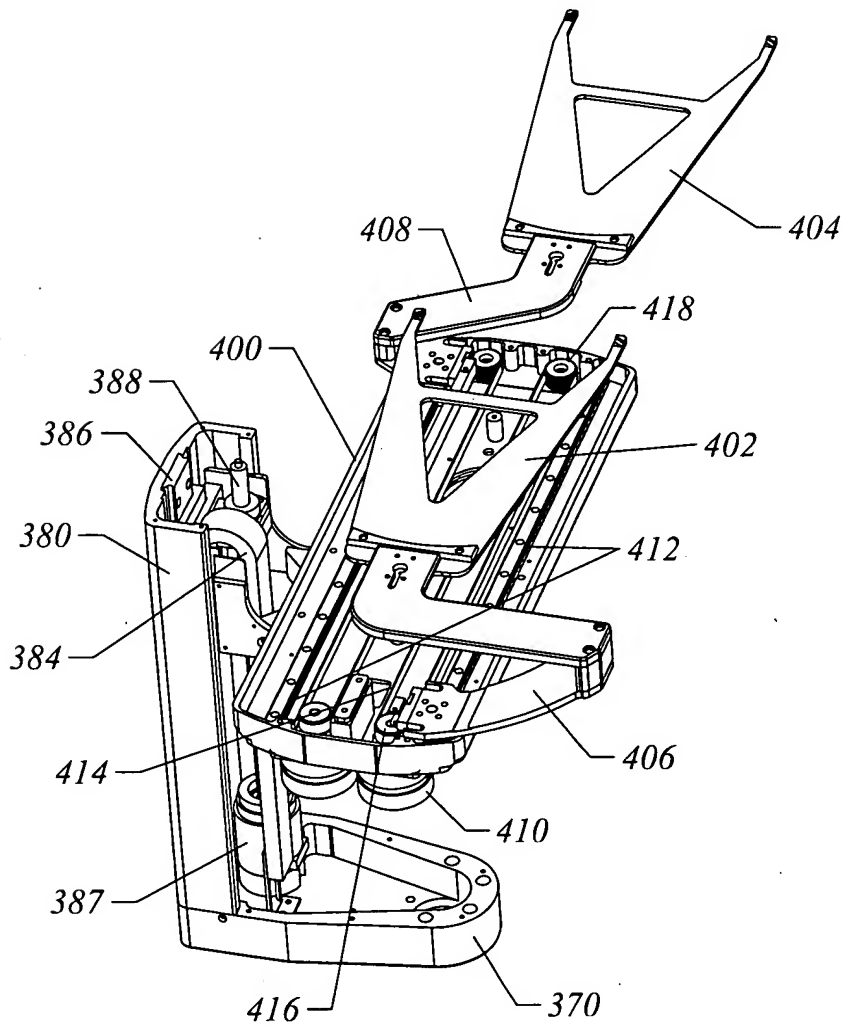


FIG. 19

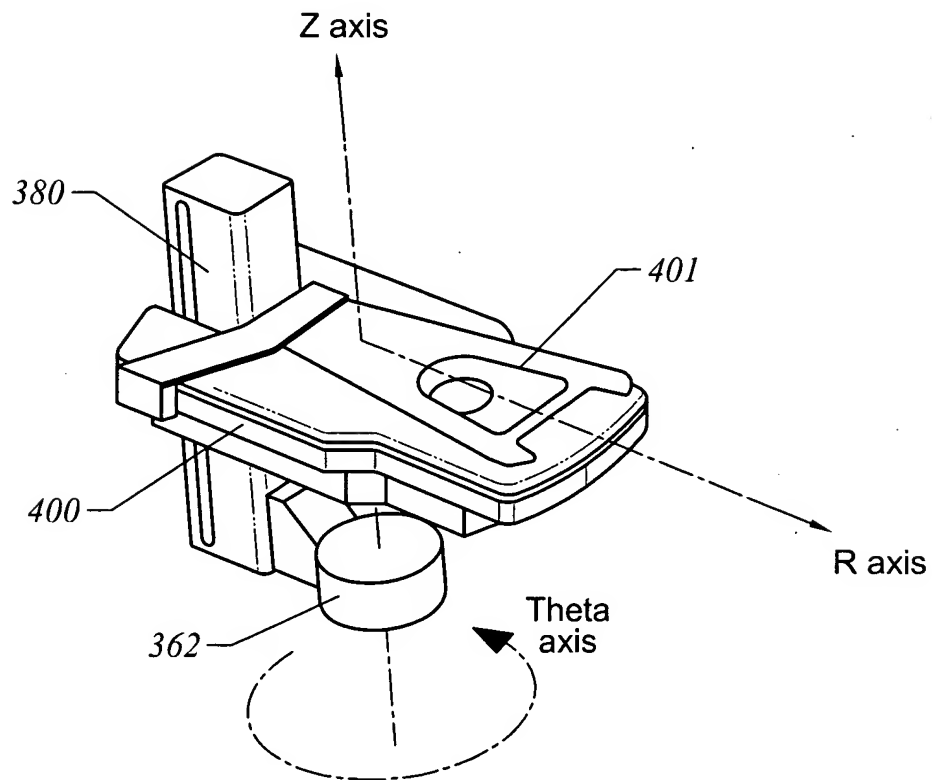


FIG. 20

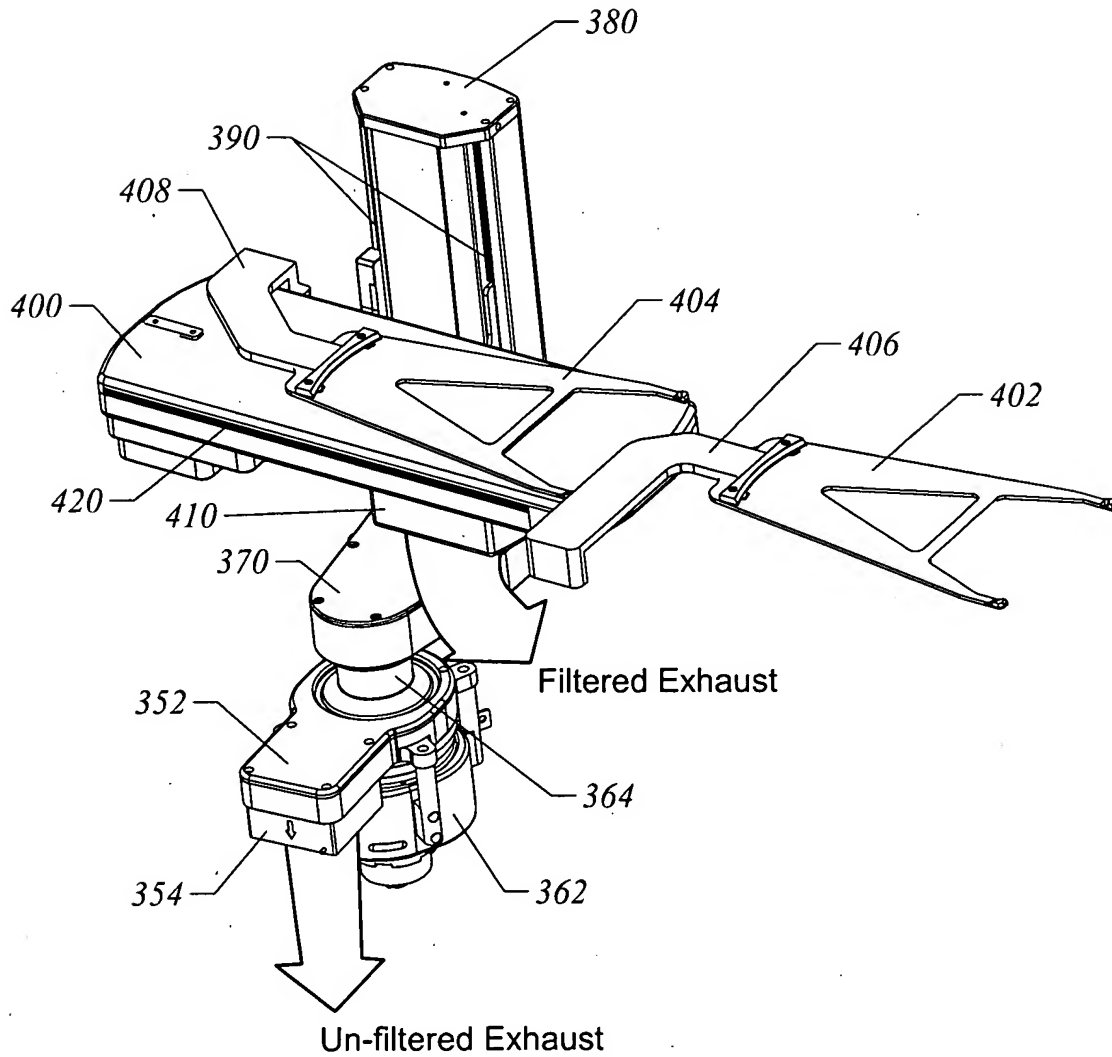


FIG. 21

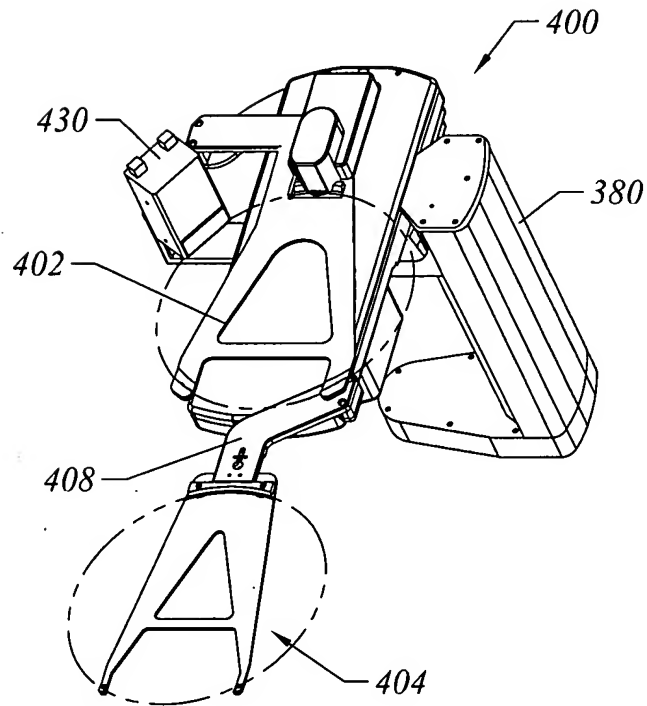


FIG. 22A

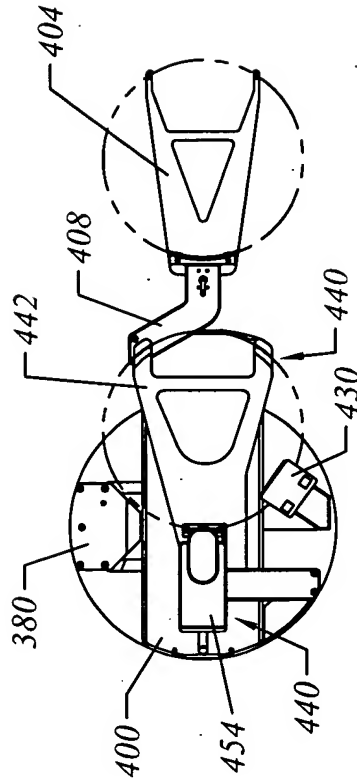


FIG. 22B

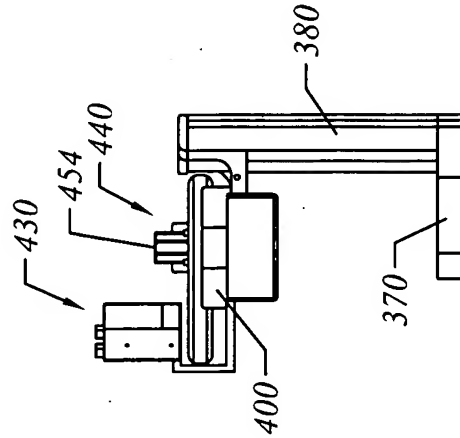


FIG. 22D

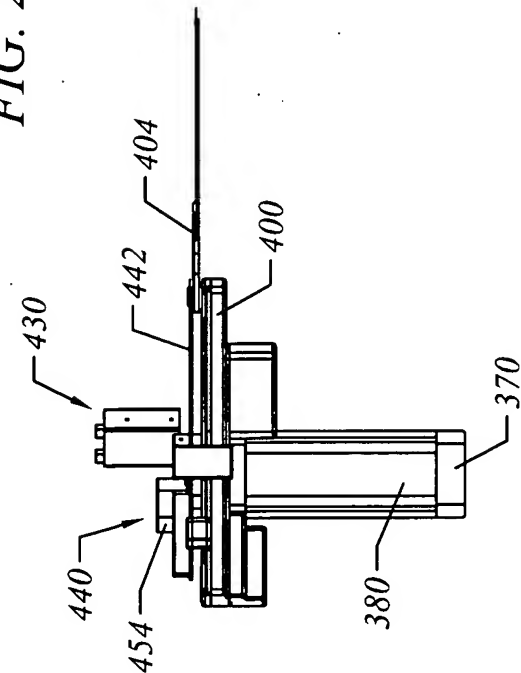


FIG. 22C

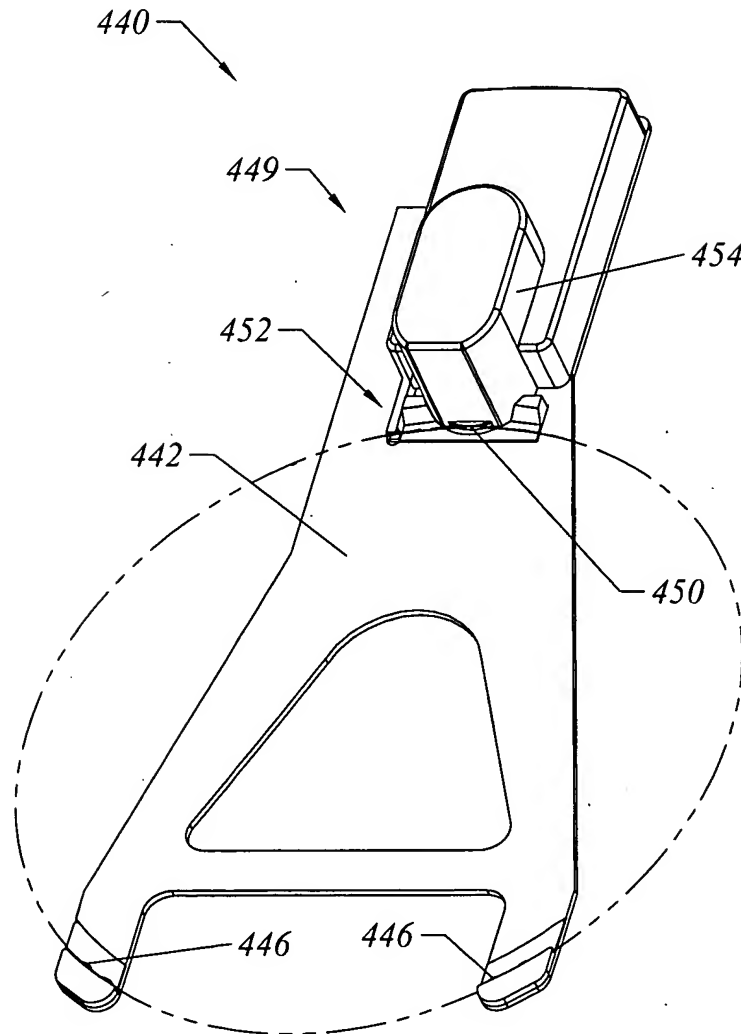


FIG. 23

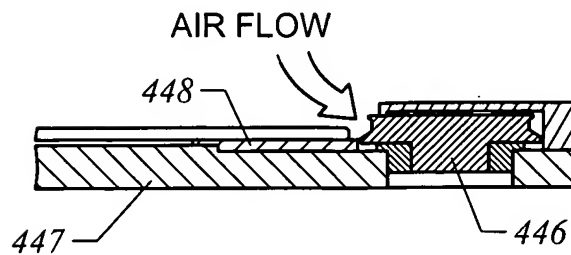


FIG. 24A

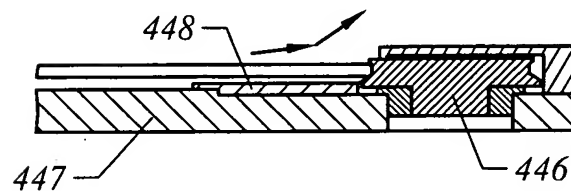


FIG. 24B

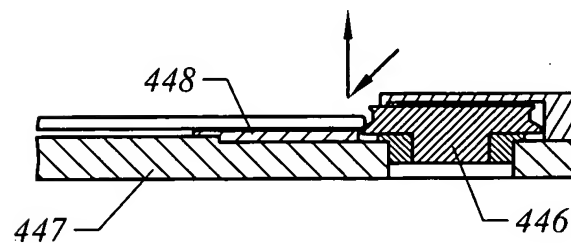


FIG. 24C

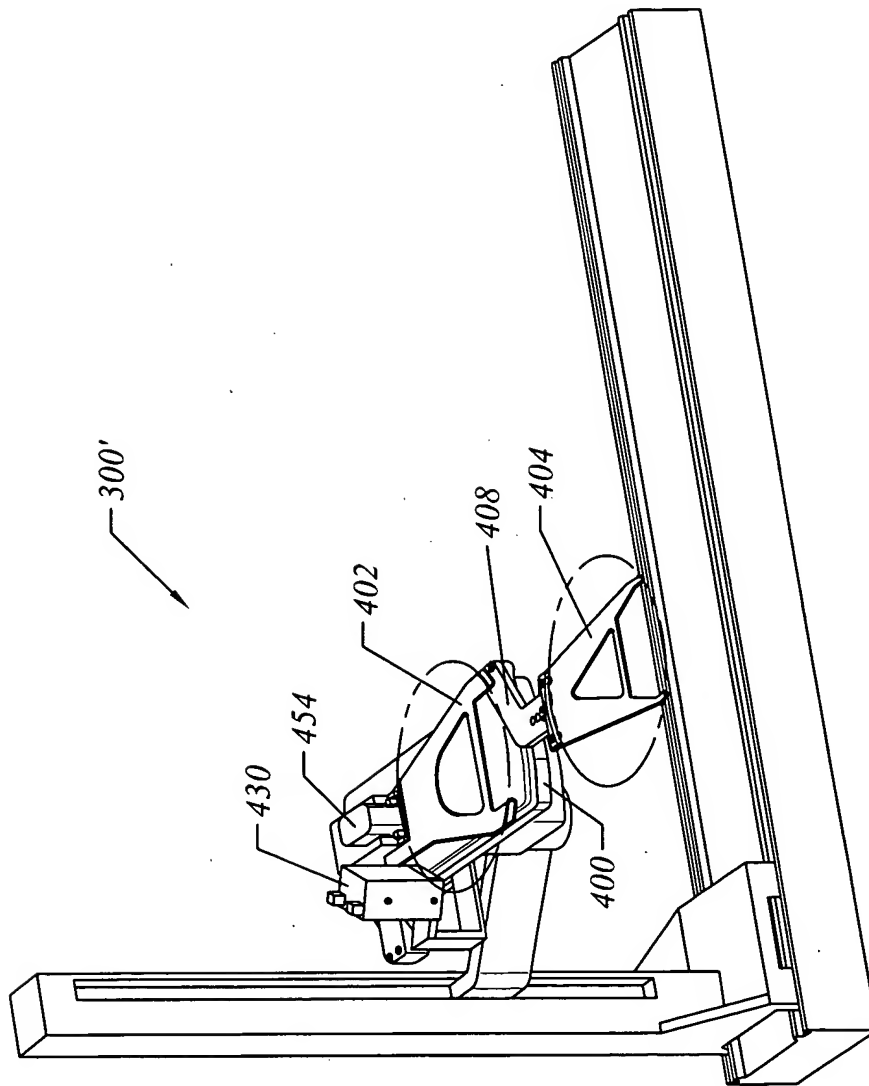


FIG. 25

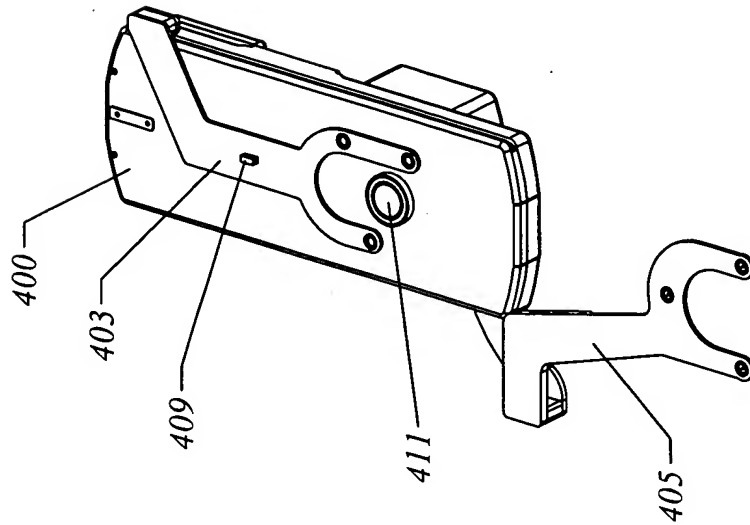


FIG. 26B

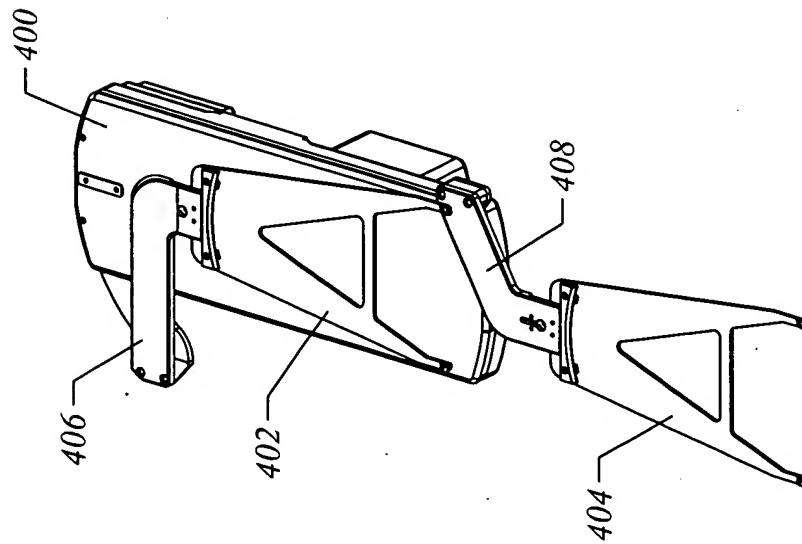


FIG. 26A

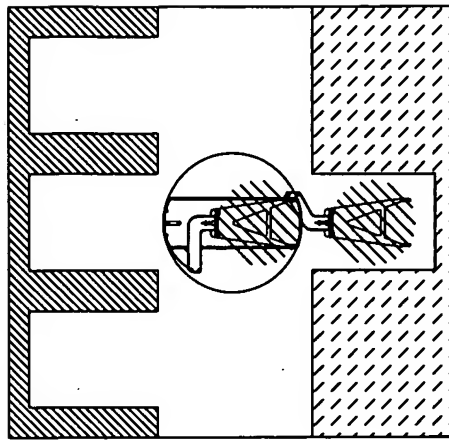


FIG. 27A

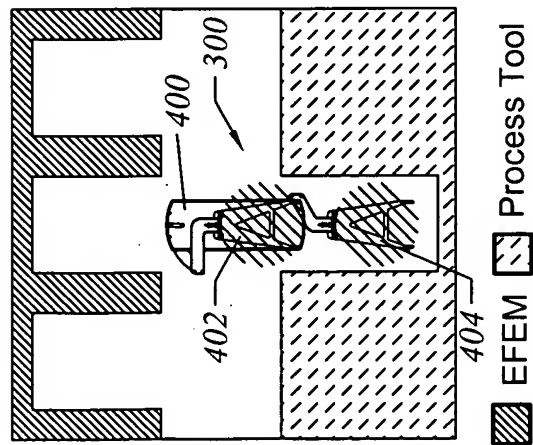


FIG. 27B

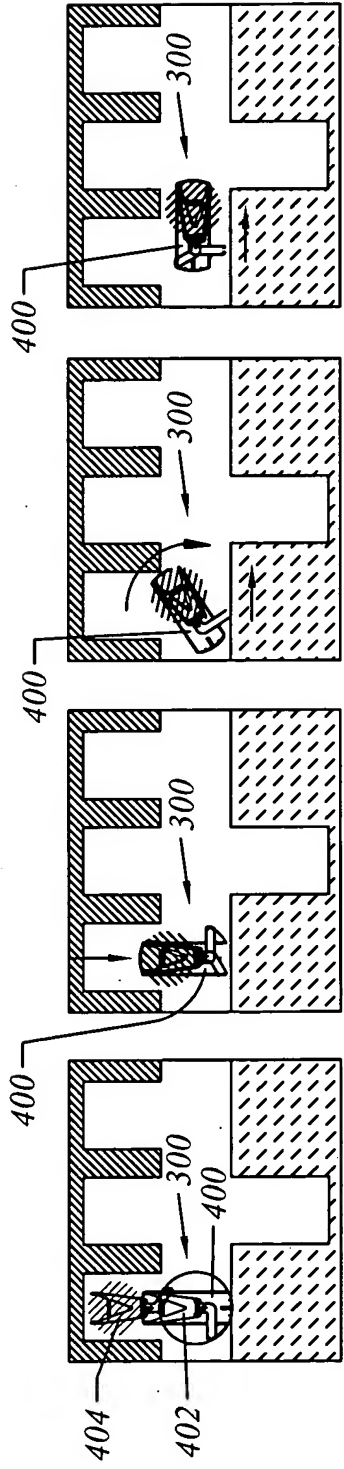


FIG. 28-1

FIG. 28-2

FIG. 28-3

FIG. 28-4

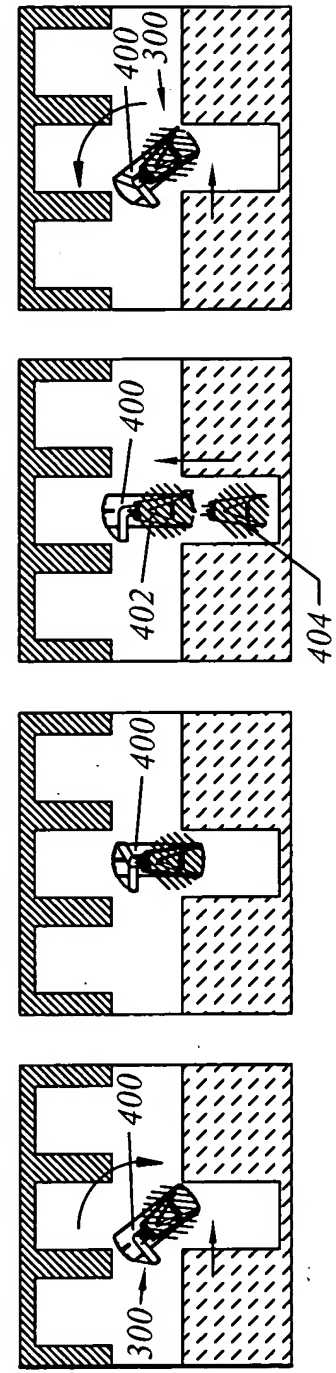


FIG. 28-5

FIG. 28-6

FIG. 28-7

FIG. 28-8



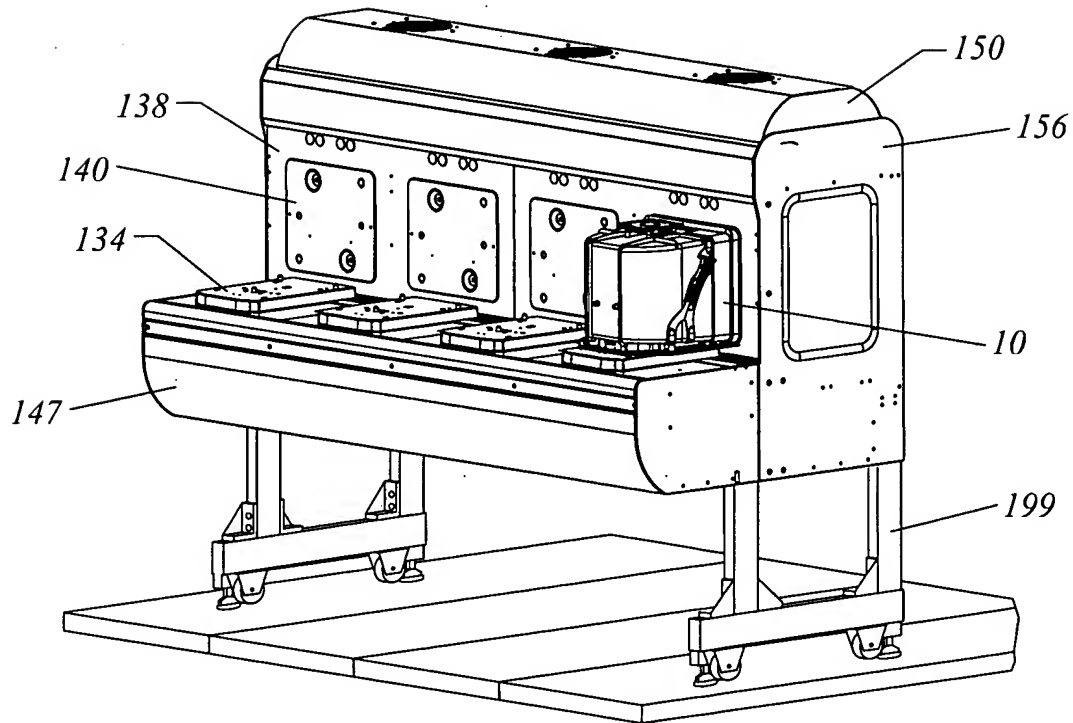


FIG. 29A

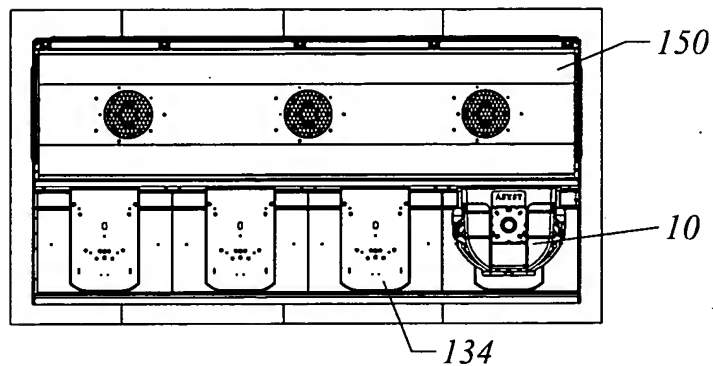


FIG. 29D

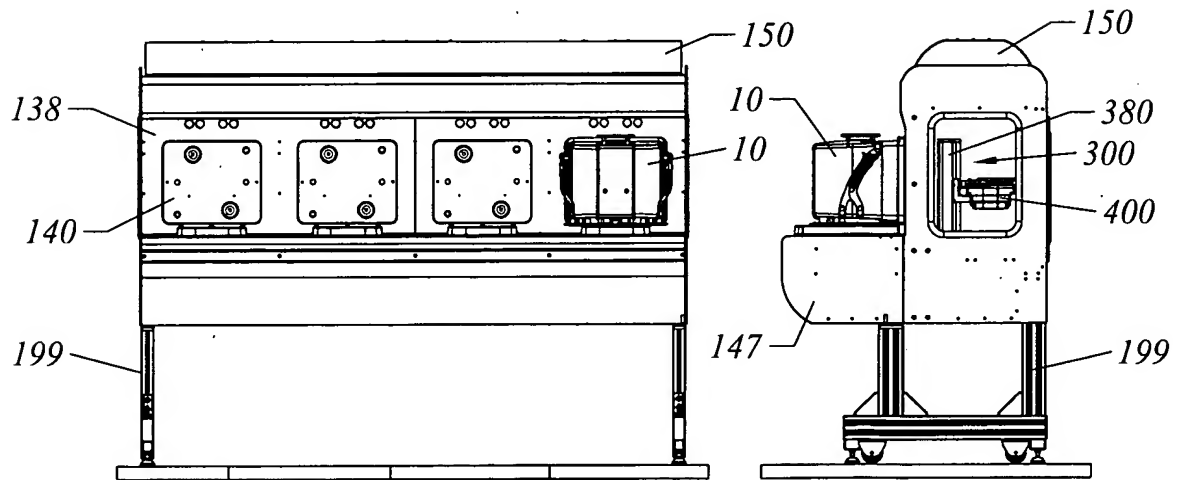


FIG. 29B

FIG. 29C

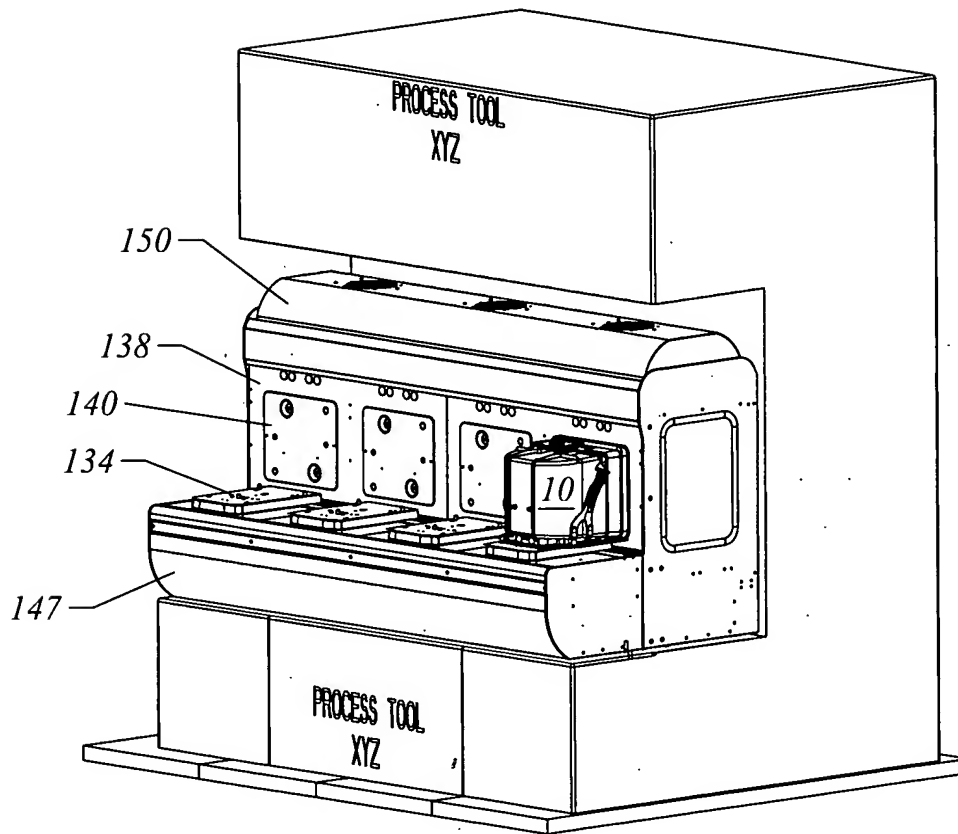


FIG. 30A

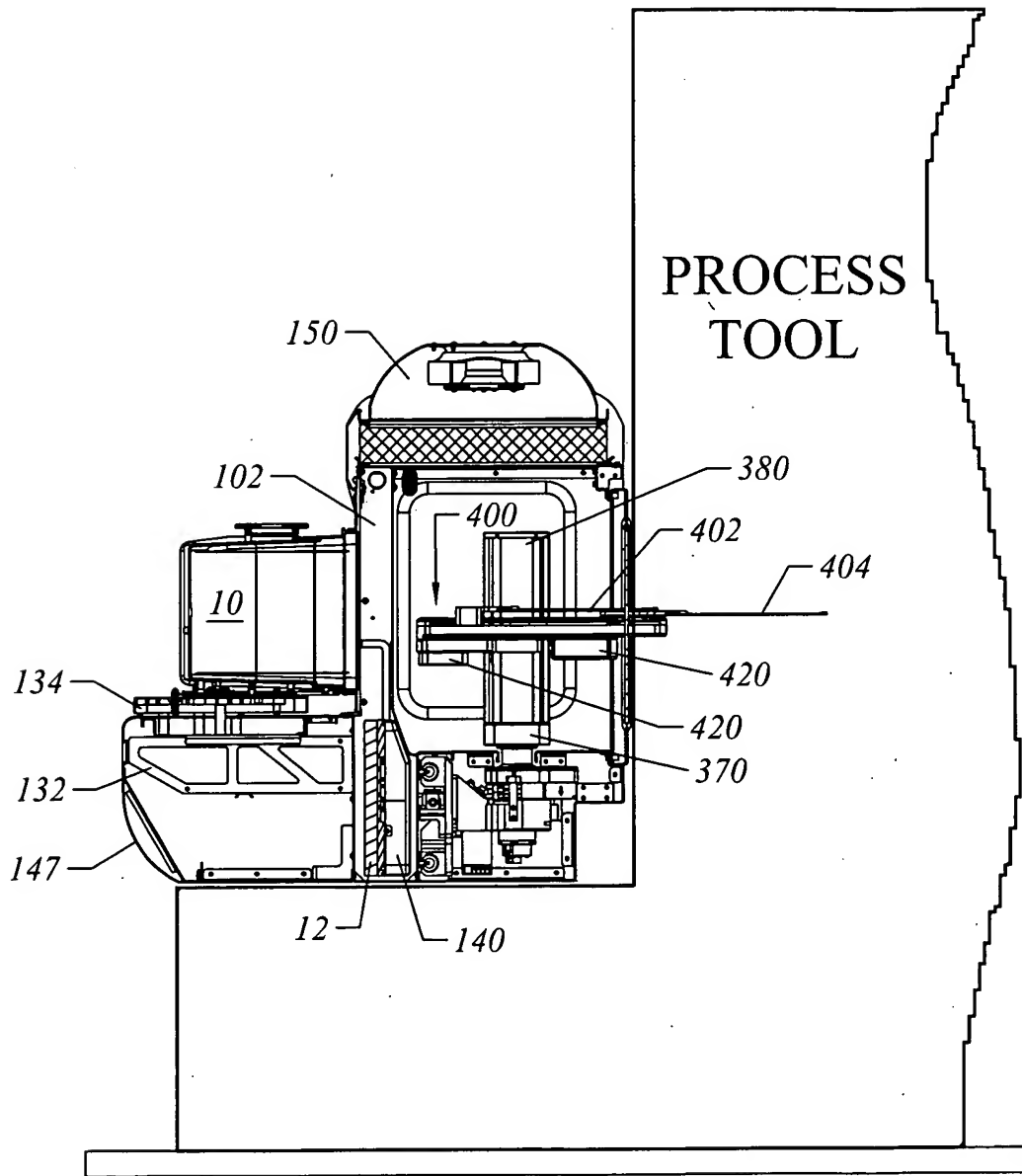


FIG. 30B

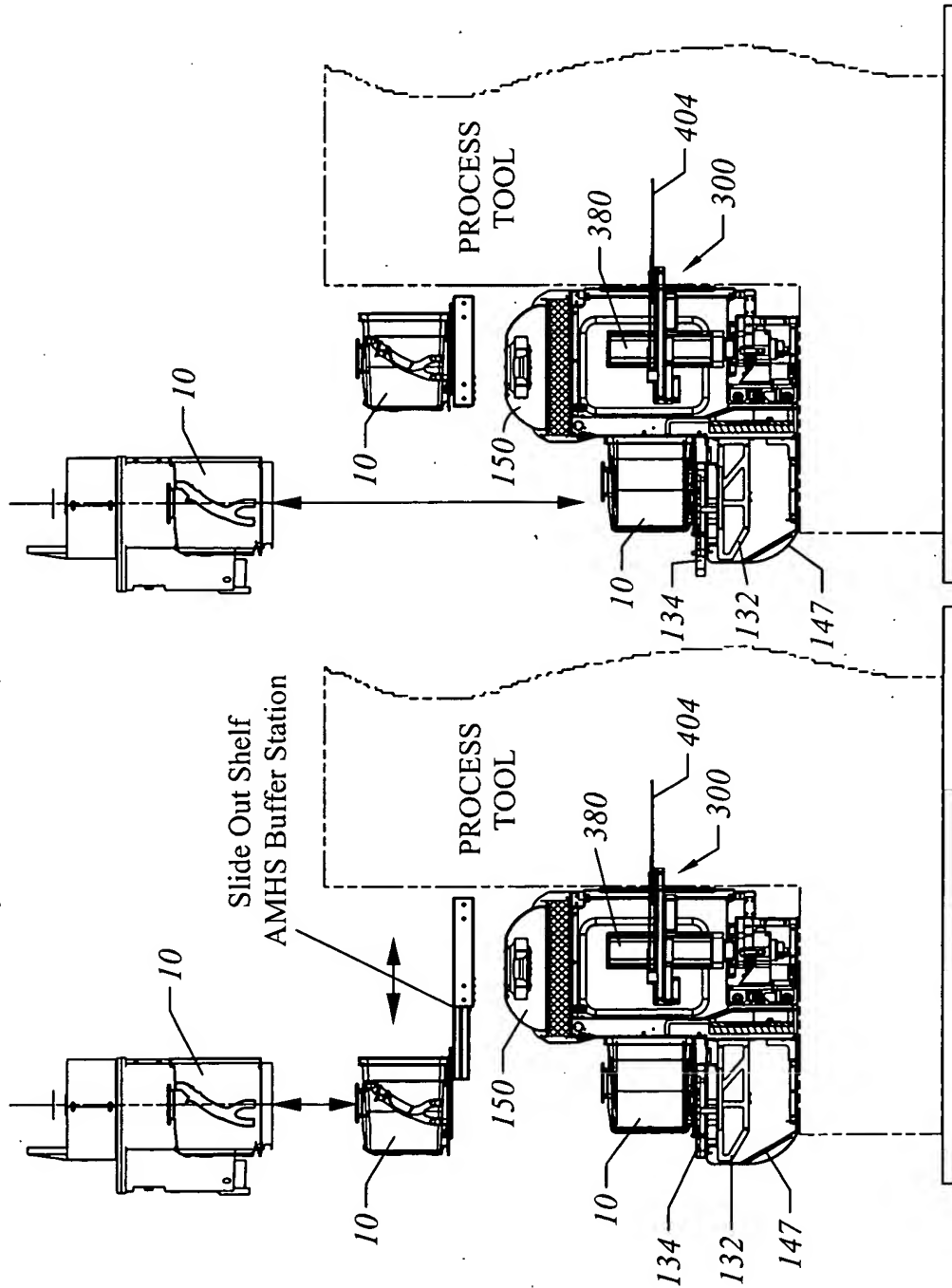


FIG. 31

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